



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Gang Luo et al. § Art Unit: 2162  
Serial No.: 09/842,991 §  
Filed: April 26, 2001 § Examiner: Chongshan Chen  
For: Method and Apparatus for § Atty. Dkt. No.: NCR.0038US (9558)  
Performing Hash Join §

**Mail Stop Amendment**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

REPLY TO OFFICE ACTION MAILED AUGUST 10, 2005

Dear Sir:

In response to the Office Action of August 10, 2005, please amend the above-identified application as follows:

**Amendments to the Claims** are reflected in the listing of claims, which begins on page 2 of this paper.

**Remarks/Arguments** begin on page 11 of this paper.

Date of Deposit: November 10, 2005

I hereby certify under 37 CFR 1.8(a) that this correspondence is being deposited with the United States Postal Service as **first class mail** with sufficient postage on the date indicated above and is addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313.

Ginger Yount  
Ginger Yount